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EXAMINER	
DONABED, NINOS J	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/537,284	SCIAN ET AL.	
	Examiner	Art Unit	
	NINOS DONABED	2444	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *1/27/2010*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-9,14-22,25-34,39-47 and 50-60* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-9,14-22,25-34,39-47 and 50-60* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *8/19/2010*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Response to Amendment

This action is in response to Applicant's amendment dated 1/27/2010. Claims 1, 22, 29, 47, 54, 55 have been amended. Claims 1-9, 14-22, 25-34, 39-47 and 50-60 are pending.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-9, 14-22, 25-34, 39-47 and 50-60 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claims 1, 22, 29, 47, 54, and 55, the phrase "a folder pre-selection cache on the electronic communication device having n configurable entries, n being a predetermined positive integer greater than one, each configurable entry being configurable based on how a message is filed" is vague and unclear because it is not know how a message pre-selection cache can be based on how a message has been filed, as a message as not yet been filed. In order to further prosecution, Examiner will take it to mean each entry is based on message components.

Furthermore regarding claims 1, 22, 29, 47, 54, and 55, the phrase "associated pre-selection criterion, derived by the processor from the message to distinguish the message, for matching with the current message" is vague and unclear because it is not known what exactly is being matched with the current message. In order to further

prosecution, Examiner will take it to mean distinguishing messages based on pre-selection criteria.

Claims 2-8, 14-21, 56 and 25-28, 57 and 30-34, 39-46, 58 and 50-53 and 54, and 60 are rejected for being dependent on claims 1, 22, 29, 47, 54, 55 respectively.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-9, 14-22, 25-34, 39-47 and 50-60 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chung, **(US Patent Application Publication 2004/0117451 A1)**, herein referred to as Chung in view of Milovanovic (United States Patent Application 20030065728) further in view of Chastain (United States Patent Number 6847989).

Regarding **Claims 1, 22, 29, and 47, 54 and 55,**

Chung teaches a system for pre-selecting a candidate folder for a current message, the candidate folder being one of a plurality of folders for storing messages, the system comprising: an electronic communication device comprising a processor;**(See figures 1, and 4-8, Chung)**

a storage module on the electronic communication device for storing the plurality of folders; **(See figures 1, 4-8 and Paragraphs [0006] through [0007], Chung teaches a data storage system)**

a communication module on the electronic communication device for receiving or transmitting the current message; **(See Paragraphs [0158] through [0164], Chung teaches a recipient server)**

a folder pre-selection cache on the electronic communication device having n configurable entries, n being a predetermined positive integer greater than one, each configurable entry being configurable based on how a message is filed to record an associated pre-selection criterion, derived by the processor from the message to distinguish the message, for matching with the current message, and an associated folder identification for identifying an associated folder in the plurality of folders; **(See figure 1, step 110 and Paragraphs [0158] through [0164], Chung teaches a folder pre-selection cache having n configurable entries)**

a message comparison module operating upon the folder pre-selection cache for comparing a comparison criterion, derived from the current message to distinguish the current message, with the associated pre- selection criterion of at least one entry in the folder pre-selection cache to determine a matching entry in the folder pre-selection cache; **(See figure 1, step 110 and Paragraphs [0158] through [0164], Chung teaches a message comparison module)**

a folder module operating upon the folder pre-selection cache for pre-selecting the candidate folder identified by the associated folder identification of the matching

entry when the message comparison module determines the matching entry in the folder pre-selection cache; **(See figure 1, step 110 and Paragraphs [0158] through [0164], Chung teaches a folder pre-selection module)**

a user-interface means on the electronic communication device for displaying the current message and the candidate folder before the message is filed, wherein the user-interface means comprises a folder selection module operable by a user, and the folder selection module is operable by the user to allocate the current message to a user selected folder in the plurality of folders; **(See figure 10 E, a user-interface for displaying the current message and the pre-select folder operable by the user is shown, Chung)**

Chung does not explicitly teach a "pre-selection" folder selection module.

Milovanovic teaches a "pre-selection" folder selection module. **(See abstract, figures 1-2, and paragraphs [0013] – [0016], Milovanovic teaches a folder pre-selection cache)**

However, one of ordinary skill in the art at the time the invention was made would have known to combine the teachings of Milovanovic with the system of Chung because both deal with methods which help a user classify emails amongst a number of user created folders. The advantage of incorporating the "pre-selection" folder selection module of Milovanic with the teachings of Chung is that it will make the selection of folders for an incoming email to be stored more robust and efficient as it will be done automatically.

Milovanovic does not explicitly teach a cache-updating means operating upon the folder pre-selection cache for updating the folder pre-selection cache based on up to n previous messages undergoing folder selection prior to the current message, n being a positive integer greater than 1, wherein

each message in the up to n previous messages is allocated to a user-selected associated folder in the plurality of folders;

the folder pre-selection cache includes a corresponding configurable entry for each message in the up to n messages; and,

the cache-updating means is operable, for each message in the up to n messages, to update the folder pre-selection cache based on how the message is filed by configuring the corresponding configurable entry in the folder pre-selection cache such that the associated pre-selection criterion is derived from the message by the processor, and the associated folder identification of the corresponding entry identifies a user-selected associated folder selected for the message.

Chastain teaches a cache-updating means operating upon the folder pre-selection cache for updating the folder pre-selection cache based on up to n previous messages undergoing folder selection prior to the current message, n being a positive integer greater than 1, wherein each message in the up to n previous messages is allocated to a user-selected associated folder in the plurality of folders; **(See figures 5A-5C and column 7 line 7 to column 8 line 22, Chastain teaches updating the pre-selection cache for updating the rules of the cache and wherein the messages are allocated to a user selected folder)**

the folder pre-selection cache includes a corresponding configurable entry for each message in the up to n messages; and, the cache-updating means is operable, for each message in the up to n messages, to update the folder pre-selection cache based on how the message is filed by configuring the corresponding configurable entry in the folder pre-selection cache such that the associated pre-selection criterion is derived from the message by the processor, and the associated folder identification of the corresponding entry identifies a user-selected associated folder selected for the message.**(See figures 4-5 and column 5 line 48 to column 6 line 59, Chastain teaches updating the pre-selection cache based on how the message is filed and where the folder id is based on a user-identified folder)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine the teachings of Chastain with Chung and Milovanovic because both deal with specifying a folder for an electronic mail. The advantage of incorporating a cache-updating means operating upon the folder pre-selection cache for updating the folder pre-selection cache based on up to n previous messages undergoing folder selection prior to the current message, n being a positive integer greater than 1, wherein each message in the up to n previous messages is allocated to a user-selected associated folder in the plurality of folders; the folder pre-selection cache includes a corresponding configurable entry for each message in the up to n messages; and, the cache-updating means is operable, for each message in the up to n messages, to update the folder pre-selection cache based on how the message is filed by configuring the corresponding configurable entry in the folder pre-selection

cache such that the associated pre-selection criterion is derived from the message by the processor, and the associated folder identification of the corresponding entry identifies a user-selected associated folder selected for the message of Chastain into Chung and Milovanovic is that t he method automatically generates the rule such that users can utilize the rule for filtering and processing the incoming electronic messages thus making the system more robust and efficient. **(See column 2, Chastain)**

Regarding **Claim 2,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 1 wherein when the message comparison module fails to determine the matching entry in the folder pre-selection cache, the folder pre-selection module is operable to select a default folder. **(See Paragraph [0083], if a folder does not exist, the message will be put in the next higher (default) folder, Chung)**

Regarding **Claim 3,**

Chung, Milovanic, and Chastain further teach the system as defined in claim 1 further comprising a user-interface means for selectably changing the positive integer n. **(See Paragraph [0084], at least one more folder is created, Chung)**

Regarding **Claim 4,**

Chung, Milovanic, and Chastain further teach the system as defined in claim 1 further comprising a cache-updating means for automatically changing the positive

integer n based on available storage space in the storage module for the folder pre-selection cache. **(See paragraphs [0021] – [0024], Chung.)**

Regarding **Claim 5,**

Chung, Milovanic, and Chastain further teach the system as defined in claim 1 further comprising a designation means for designating a plurality of the current messages, wherein the message comparison module is operable to compare at least one comparison criterion, derived from at least one of the plurality of the current messages, with the associated pre-selection criterion of at least one entry in the folder pre-selection cache to determine the matching entry in the folder pre-selection cache; and, the folder pre-selection module is operable to pre-select the folder for the plurality of the current messages. **(See figures 1-3 and paragraphs [0013] – [0017], Milovanic)**

See motivation for claim 1.

Regarding **Claim 6,**

Chung, Milovanic, and Chastain further teach the system as defined in claim 1 wherein the comparison criterion is the current message. **(See Figure 1 and Paragraph [0164], the current email message is sorted and categorized into a folder, Chung)**

Regarding **Claim 7,**

Chung, Milovanic, and Chastain further teach the system as defined in Claim 1,wherin the electronic communication device is a mobile communication device. **(See paragraphs [0036] - [0039], Chung.)**

Regarding **Claim 8,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 7 wherein the current message is from a server and comprises a server-determined folder identifier for identifying a server-determined folder for storing the current message. **(See Paragraphs [0158]-[0161], an application on the received email server checks the mail for a pre-defined folder identifier, Chung)**

Regarding **Claim 9,**

Chung, Milovanic , and Chastain further teach the system as defined In claim 8 wherein the server-determined folder identifier has an assigned weight, the assigned weight being one of a first weight and a second weight: when the server-determined folder identifier is of the first weight, the server-determined folder is pre-selected if the message comparison module fails to determine the matching entry in the folder pre-selection cache, and the folder identified by the associated folder identification of the matching entry is pre-selected if the message comparison module determines the matching entry in the folder pre-selection cache; and, when the server-determined folder identifier is of the second weight, the server-determined folder is pre-selected. **(See figures 1-3 and paragraphs [0014] – [0018], Milovanic)**

See motivation for claim 1.

Regarding **Claim 14,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 1 wherein, when a message in the up to n messages is moved from a first folder in the plurality of folder to a second folder in the plurality of folders, the cache-updating means is operable to update the associated folder identification for the corresponding entry from identifying the first folder to identify the second folder. **(See figures 1-3 and paragraphs [0013] – [0017], Milovanic)**

See motivation for claim 1.

Regarding **Claim 15,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 1 wherein the folder pre-selection cache comprises an entry replacement sub-module for updating the folder pre-selection cache when a new message is allocated to an associated user-selected folder by discarding an existing entry and adding a new corresponding entry for the new message. **(See figures 1-3 and paragraphs [0015] – [0019], Milovanic)**

See motivation for claim 1.

Regarding **Claim 16,**

Chung, Milovanic , and Chastain further teach the system as defined In claim 15 wherein the folder pre-selection cache comprises a time-and-date sub-module for, for each message in the up to n messages, providing a time-and-date indicator to the corresponding entry for indicating when the message was allocated to an associated user-selected folder, and the entry replacement sub-module is operable to update the folder pre-selection cache when the new message is allocated to the associated user-selected folder by discarding the existing entry having an oldest time-and-date stamp. **(See figures 1-3 and paragraphs [0013] – [0017], Milovanic)**

See motivation for claim 1.

Regarding **Claim 17,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 15 further comprising a derivation sub-module for, for each message in the up to n messages, deriving the associated pre-selection criterion from an associated selected attribute of the message; and, deriving the comparison criterion from an associated selected attribute of the current message. **(See figures 1-3 and paragraphs [0013] – [0019], Milovanic)**

See motivation for claim 1.

Regarding **Claim 18,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 17 wherein for each message in the up to n messages, and for the current message, the

associated selected attribute. of the message comprises one of an associated sender/recipient attribute of the message, an associated subject attribute of the message; a time sent of the message, a message body contents of the message, and a message encoding of the message. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1.

Regarding **Claim 19,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 17 wherein the derivation sub-module comprises a hash determination means for, for each message in the up to n messages, deriving the associated pre-selection criterion from the message by applying a hash function to the associated selected attribute; and, for the current message, deriving the comparison criterion by applying the hash function to the associated selected attribute. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 20,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 15 wherein each entry in the folder pre-selection cache is ordered according to a search order, the message comparison module is operable to compare the comparison criterion with the associated pre-selection criterion of each entry in the folder pre-

selection cache according to the search order to determine a matching entry in the search order having an associated pre-selection criterion matching the comparison criterion; and, the cache-updating means is operable, when the matching entry is not a first entry in the search order and is the user-selected folder, to advance the matching entry within the search order. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 21,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 15 further comprising a restoration means for, when information is erased from the folder pre-selection cache, substantially restoring the folder pre-selection cache by processing each message in the plurality of folders in chronological order from an oldest message in the plurality of folders to a youngest message In the plurality of folders. **(See figures 1-3 and paragraphs [0012] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 25,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 22 further comprising a derivation sub-module for, for each message in the up to n messages, deriving the associated pre-selection criterion from an associated selected attribute of the message; and, deriving the comparison criterion from an associated

selected attribute of the current message. **(See figures 1-3 and paragraphs [0014] – [0018], Milovanic)**

See motivation for claim 1

Regarding **Claim 26,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 25 wherein for each message in the up to n messages, and for the current message, the associated selected attribute of the message comprises **one of** an associated sender/recipient attribute of the message, an associated subject attribute of the message, a time sent of the current message, and a message encoding of the message. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 27,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 26 wherein the derivation sub-module comprises a hash determination means for, for each message in the up to n messages, deriving the associated pre-selection criterion from the message by applying a hash function to the associated selected attribute; and, for the current message, deriving the comparison criterion by applying the hash function to the associated selected attribute. **(See figures 1-3 and paragraphs [0016] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 28,**

Chung, Milovanic , and Chastain further teach the system as defined in claim 22 further comprising a cache-updating means for updating the folder pre-selection cache based on up to n previously edited attachments stored in the plurality of file folders. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 30**,

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 further comprising pre-selecting a default folder for receiving the current message when step (b) fails to determine the matching entry in the folder pre-selection cache. **(See Paragraph [0083], if a folder does not exist, the message will be put in the next higher (default) folder, Chung)**

Regarding **Claim 31**,

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 further comprising changing the positive integer n based on available storage space. **(See paragraphs [0021] – [0024], Chung.)**

Regarding **Claim 32**,

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 further comprising designating a plurality of current messages and pre-selecting the folder for storing the plurality of current messages. **(See figures 1-3 and paragraphs [0014] – [0021], Milovanic)**

See motivation for claim 1

Regarding **Claim 33**,

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 further comprising reviewing the current message for a server-determined folder identifier having an assigned weight wherein the assigned weight is one of a first weight and a second weight; when the server-determined folder identifier is of the first weight, pre-selecting the server-determined folder if the message comparison module fails to determine the matching entry in the folder pre-selection cache, and pre-selecting the folder identified by the associated folder identification of the matching entry when the message comparison module determines the matching entry in the folder pre-selection, cache; and, when the server-determined folder identifier is of the second weight, pre-selecting the server-determined folder. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 34,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 wherein the comparison criterion is the current message. **(See Figure 1 and Paragraph [0164], the current email message is sorted and categorized into a folder, Chung)**

Regarding **Claim 39,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 wherein, when a message in the up to n messages is moved from a first folder in the plurality of folders to a second folder in the plurality of folders, step (a) further comprises updating the associated folder identification for the corresponding entry from identifying the first folder to identify the second folder. **(See figures 1-5 and paragraphs [0013] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 40,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 wherein step (a) further comprises updating the folder pre-selection cache when a new message is allocated to an associated user-selected folder by discarding an existing entry and adding a new corresponding entry for the new message. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 41,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 40 wherein for each message in the up to n messages, step (a) further comprises providing in the corresponding configurable entry a time-and-date indicator for indicating when the message was message was allocated to an associated user-selected folder, and the folder pre-selection cache is updated when the new message is allocated to the user-selected folder by discarding the existing entry having an oldest time-and-date indicator and adding the new corresponding entry for the new message. **(See figures 1-5 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 42,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 40 wherein for each message in the up to n messages, the associated pre-selection criterion is derived from an associated selected attribute of the message; and, the comparison criterion is derived from an associated selected attribute of the current message. **(See figures 1-3 and paragraphs [0012] – [0016], Milovanic)**

See motivation for claim 1

Regarding **Claim 43,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 42 wherein for each message in the up to n messages, and for the current message, the

associated selected attribute of the message comprises one of an associated sender/recipient attribute of the message, an associated subject attribute of the message, a time sent of the current message, a message body contents of the current message, and a message encoding of the current message. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 44,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 42 wherein for each message in the up to n messages, the associated pre-selection criterion is derived from an associated selected attribute of the message by applying a hash function to the associated selected attribute, and the comparison criterion is derived from an associated selected attribute of the current message by applying the hash function to the associated selected attribute. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 45,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 wherein each entry in the folder pre-selection cache is ordered according to a search order step (b) comprises comparing the comparison criterion with the associated pre-selection criterion of each entry in the folder pre-selection cache according to the search

order; and step (c) comprises determining a matching entry in the search order having an associated pre-selection criterion matching the comparison criterion, and pre-selecting the folder identified by the associated folder identification of the first entry; wherein the method further comprises, when the matching entry is not a first entry in the search order and is the user-selected folder, advancing the matching entry within the search order. **(See figures 1-5 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 46,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 further comprising, when information is erased from the folder pre-selection cache, substantially restoring the folder pre-selection cache by, for each message in the plurality of folders in chronological order from an oldest message in the plurality of folders to a youngest message In the plurality of folders, performing steps (a), (b) and (c). **(See Paragraph [0073]- [0083], Chung.)**

Regarding **Claim 50,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 49 further comprising a derivation sub-module for, for each message in the up to n messages, deriving the associated pre-selection criterion from an-associated selected attribute of the message; and, deriving the comparison criterion from an associated

selected attribute of the current message. **(See figures 1-3 and paragraphs [0014] – [0019], Milovanic)**

See motivation for claim 1

Regarding **Claim 51,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 47 wherein for each message in the up to n messages, and for the current message, the associated selected attribute of the message comprises one of an associated sender/recipient attribute of the message, an associated subject attribute of the message, a time sent of the current message, and a message encoding of the message. **(See Paragraph [0073]- [0083], Chung.)**

Regarding **Claim 52,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 51 wherein for each message in the up to n messages, the associated pre-selection criterion is derived from an associated selected attribute of the message by applying a hash function to the associated selected attribute, and the comparison criterion is derived from an associated selected attribute of the current message by applying the hash function to the associated selected attribute. **(See Paragraph [0044]- [0054], Chung.)**

Regarding **Claim 53,**

Chung, Milovanic , and Chastain further teach the method as defined in claim 47 further comprising updating the folder pre-selection cache based on up to n previously edited attachments stored in the plurality of file folders. **(See Paragraph [0053]- [0060], Chung.)**

Regarding claim 56,

Chung, Milovanic , and Chastain further teach the method as defined in claim 1 wherein the folder selection module provides a first user-selectable option operable by the user to approve the pre- selected folder and a second user-selectable option operable by the user to allocate the current message to any user selected folder in the plurality of folders. **(See Paragraph [0044]- [0050], Chung.)**

Regarding claim 57,

Chung, Milovanic , and Chastain further teach the method as defined in claim 22 wherein the folder pre-selection module provides a first user-selectable option operable by the user to approve the pre-selected folder and a second user-selectable option operable by the user to allocate the current message to any user selected folder in the plurality of folders. (**See Paragraph [0035]- [0040], Chung.)**

Regarding claim 58,

Chung, Milovanic , and Chastain further teach the method as defined in claim 29 wherein the folder selection function provides a first user-selectable option operable by the user to approve the pre-selected folder and a second user-selectable option operable by the user to select any user-selected folder from the plurality of folders for the current message. **(See Paragraph [0105]- [0110], Chung.)**

Regarding claim 59,

Chung, Milovanic , and Chastain further teach the computer program product as defined in claim 54 wherein the folder selection function provides a first user-selectable option for approving the pre-selected folder and a second user-selectable option for selecting any user- selected folder from the plurality of folders for the current message. **(See Paragraph [0108]- [0113], Chung.)**

Regarding claim 60,

Chung, Milovanic , and Chastain further teach the computer program product as defined in claim 55 wherein the folder selection function provides a first user-selectable option for approving the pre-selected folder and a second user-selectable option for selecting any user- selected folder from the plurality of folders for an associated attachment file for the current message. **(See Paragraph [0044]- [0054], Chung.)**

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection. In order to further prosecution, Examiner recommends clarifying how the folder pre-selection cache operates with regards to the system.

Conclusion

Any response to this Office Action should be **faxed** to (571) 272-8300 or **mailed** to:

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Hand-delivered responses should be brought to
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Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NINOS DONABED whose telephone number is (571)270-3526. The examiner can normally be reached on Monday-Friday, 7:30 AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on (571) 272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/N. D./
Examiner, Art Unit 2444

/Djenane M Bayard/
Primary Examiner, Art Unit 2444